Subbaraj

Depth 6	Contents 7	Reference to last Measurement 8

M.A.R. 57 (Rule 116)

Measurement Book

SBR No. 265/13-14

ದಿನಾಂಕ: 31/01/14

No. C/09 197268

Serial No.....

Name of work.....From BR-350 31-1-14 To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of work:- Estimate for Improvements to Roads & Drains in Horebalumagara & Singapura garden in ward No 11						
	Work Code No. 011-12-000027 Estimated cost:- Rs. 10.00 Lakhs						
	Work order No - EE(BSP)/BBMP/E-IND/[illegible]/13-14/11						
	Name of Engg.:- Subbaraj Singapura Vidyaranyapura (P)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recorded on 6-9-13						
	1) Earth work excavation by Manual Means Ordinary soil involving an average Horizontal throw upto 20mts & an average lift upto 0.5mts, exca- vated surface levelled & sides neatly dressed, the disposed earth to be leveled Neatly after breaking the clods. Complete as per Specifications						
	Desiltation of Drain	2	30.00	0.60	0.30	= 10.80	
		2	30.00	0.60	0.35	= 12.60	
		2	30.00	0.60	0.30	= 10.80	
		2	30.00	0.60	0.35	= 12.60	
		2	10.50	0.60	0.35	= 4.41	
		2	30.00	0.60	0.30	= 10.80	
		2	30.00	0.45	0.35	= 9.45	
		2	30.00	0.45	0.35	= 9.45	
		2	16.10	0.45	0.30	= 4.35	
		2	30.00	0.45	0.35	= 9.45	

Serial No.....

Name of work.....

Name of Contractor of nature

Date of commencement of wo

Date	Full description, etc, of w
1	2
	For Road works Ch. 0.00 TO 30.00 m Ch: 30.00 TO 60.00 Ch: 60.00 TO 90.00 m Ch: 90.00 TO 120.00m Ch: 120.000 150.00

Depth 6	Contents 7	Reference to last Measurement 8
ordinary soil involving an average lift upto 0.5 mtr, excl read the disposed earth to be plete as per Specifications		
0.30 = 10.80		
x 0.35 = 12.60		
x 0.30 = 10.80		
0.35 = 12.60		
0.35 = 4.41		
0.30 = 10.80		
x 0.35 = 9.45		
x 0.35 = 9.45		
x 0.30 = 4.35		
x 0.35 = 9.45		

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 197269

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	x 30.00	x 0.45	x 0.30	= 8.10	
		2	x 25.00	x 0.45	x 0.35	= 7.88	
		2	x 21.20	x 0.45	x 0.35	= 6.68	
	For Road Works						
	Ch. 0.00 TO 30.00 mtr	1	x 30.00	x 4.60	x 0.15	= 20.70	
	Ch: 30.00 TO 60.00 mtr	1	x 30.00	x (4.60+4.30)/2	x 0.15	= 20.03	
	Ch: 60.00 TO 90.00 mtr	1	x 30.00	x (4.30+5.80)/2	x 0.15	= 22.73	
	Ch: 90.00 TO 120.00 mtr	1	x 30.00	x (5.80+6.10)/2	x 0.15	= 26.78	
	Ch: 120.000 TO 150.000 mtr	1	x 30.00	x (6.10+5.70)/2	x 0.15	= 26.55	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ch: 180.00 TO 180.00 Mtr		1 × 30.00 × $\frac{5.70+6.50}{2}$		× 0.15 =	27.45	
	Ch: 180.00 TO 210.00 Mtr		1 × 30.00 × $\frac{6.80+7.00}{2}$		× 0.15 =	30.38	
	Ch: 210.00 TO 229.00 Mtr		1 × 19.00 × $\frac{7.00+6.00}{2}$		× 0.15 =	18.53	
				Total		310.49 Cum	
				divided by		310.49 Cum	
						Rs. 60.97	Rs. 18930=00

Measurement Carried out 28-9-15

2) Earth work excavation by Manual Means in Hard Soil involving an average horizontal throw up to 2 mtrs & an average lift up to 0.5m excavated surface leveled & sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods. Complete as per specifications.

For Culverts

2 × 5.20 × 1.80 × 1.05 = 19.66

3 × 4.00 × 1.80 × 1.05 = 22.68

Serial No.....

Name of work.....

Name of Contractor of nature

Date of commencement of wo

Date	Full description, etc, of w
1	2
	For Slab Drain
	For Drain Desil

pth 6	Contents 7	Reference to last Measurement 8
.15	= 27.45	
.15	= 30.38	
.15	= 18.53	
	310.49 m³	
	310.49 m³	
97	M. 18930=00	

...d/g/b
...s Hand Soil involving
...average lift up to 0.5m
...ressed, the dispersed
...clods. Complete as per
...5 = 19.66
...5 = 22.68

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 197270

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	For Slab Drain	1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 21.80	× 0.60	× 0.60	= 7.85	
		1	× 23.70	× 0.60	× 0.60	= 8.53	
	For Drain Desiltation	2	× 30.00	× 0.60	× 0.30	= 10.80	
		2	× 30.00	× 0.45	× 0.35	= 9.45	
		2	× 6.20	× 0.45	× 0.35	= 1.95	
					Total Qty	184.92 m³	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Total Executed qty			134.92 m3	
						Rs. 1139320	
			Vide page No. 84.44				
						Entd dt. 29/9/10	
	3) Removing R.S Slab Drains & Stacking						
	reinstatement qty vide page No. 197290						
	Total Executed qty					188.66 m2	
						Rs. 8419-00	
			Vide page No. 46.09				
	4) Refixing of Slab Drain & pointing in CM (1:3)						
	qty vide item No. 3					182.66 m2	
	Total Executed qty					182.66 m2	
						Rs. 10662.00	
			Vide page No. 58.37				
	5) providing 7.5 cm thick granite slabs of selected quality roughly dressed & fixed in cement Mortar (1:6) including fixing curing etc complete as per specifications						
		1	x 30.00	—	x 1.65 = 49.50		
		1	x 30.00	—	x 1.65 = 49.50		

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	qty upto 125%
	qty Above 125%

epth 6	Contents 7	Reference to last Measurement 8
7	134.92 m3	Rs. 113932=00
4.44	Upto 29/7/10	
	197290	
	182.66 m2	Rs. 8419=00
0.3	182.66 m2	
	182.66 m2	Rs. 10662.00.
37		
eted Quality roughly dressed		
Fixing Curing etc complete		
1.65 = 49.50		
1.65 = 49.50		

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 197271

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	—	1.65	= 49.50	
		1	30.00	—	1.65	= 49.50	
		1	30.00	—	1.65	= 49.50	
		1	21.80	—	1.65	= 35.97	
		1	23.70	—	1.65	= 39.11	
		Total Executed Qty				322.58 m2	
	Qty upto 125%					180.00 m2	
						Rs 58032=00	
	Qty Above 125%					142.58 m2	
						Rs. 48966=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Construction of embankment with approved material Gravel/ Murrum with all lifts & leads transporting to site, Spreading, grading to required slope & compacting to meet requirement Table 300-2 which includes cost of gravel/murrum, watering charges & compaction by Vibrating roller etc complete as per specifications.						
	Pre measurement Qty vide page no					197291	
	Total Excated Qty					192.74 M3	
						By 142147	By 27460=00
	7) providing & laying in position plain cement Concrete of Mix M 15 with OPC cement @ 180 kgs using 40mm nominal size graded granite metal, coarse aggregates @ 0.85 Cum & Fine aggregates @ 0.55 Cum Machine Mixed, Concreted in layers not exceeding 15 Cms thick, well compacted, in foundation of plinth including cost of all materials, labour, tools & Machinery, curing etc. complete as per specifications.						
	For culvert	2	5.20	1.80	0.15	= 2.81	
		3	4.00	1.80	0.15	= 3.24	
	Total Excated Qty					6.05 M3	

Serial No.....

Name of work.....

Name of Contractor of nature o

Date of commencement of work

Date	Full description, etc, of wo
1	2
	8) providing & Constr Foundation cemen less than 20 Cms including cost o For culv
	9) providing & laying

Depth 6	Contents 7	Reference to last Measurement 8
d materials Gravel/ Murrum side, Spreading, grading to pursuant Table 300-2 which ng charges & Compaction by Vibrating		
page no 197291	192.743	
42.47	Rs. 27460=00	
Concrete of Mix M 15 with ope ded granite metal, coarse Sand Machine Mixed, Consolidated Compacted, in Foundation of plinth ng Machinery, curing etc.		
x 0.15 = 2.181		
x 0.15 = 3.924		
	6.105 m3	

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 197272

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Rs 2743.03 3821.33		23118 Rs. 44240=00
8)	providing & constructing granite/ trap/ basalt rubble Stone Masonry in foundation cement Mortar 1:6 Stone Hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, Curing etc. Complete as per Specifications for Culvert	2x2	x 5.20	x 0.60	x 0.60 = 7.49		
		2x3	x 4.00	x 0.60	x 0.60 = 8.64		
				Total Executed Qty		16.13 m3	
				Rs 2743.03			Rs. 44240=00
9)	providing & laying in position plain cement Concrete of Mix M 15 with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	~~Ope~~ Cem Morter @ 240 kg with 20mm & down Size graded granite Metal Coarse aggregates @ 0.878 cum & Fine Aggregates @ 0.459 cum, Machine Mixed, concrete laid in layers not exceeding 150 mm thick, well compacted in Foundation, plinth & sills, including cost of all Materials, labour, Hire of Machinery, Curing etc. Complete as per Specifications.						
	For culvert						
		2	2	5.20	0.60	0.10 = 1.25	
		2	3	4.00	0.60	0.10 = 1.44	
						2.69 m³	
				Total executed qty			
				@ 4328.47		@ 11635=00	
10)	providing flush pointing to Square rubble, course or Uncoursed stone Masonry with Cem Morter 1:3, 20mm deep after raking joints to depth of 20mm nicely finishing, including cost of Materials, labour, Curing etc. Complete as per Specifications.						
	Culverts						
		2	2	5.20	—	0.60 = 12.48	
		2	3	4.00	—	0.60 = 14.40	

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
11)	providing & removi
	removal of Form wo
	including attached
	of all Materials, la
	prem
	T

Contents	Reference to last Measurement
7	8
...size graded granite Metal ... 0.459 cum, machine ...dry thick, with required ...terials, labour, ...ting.	
= 1.28	
= 1.44	
2.69 m²	
Qty. 11635=00	
...ype or Uncoursed stone ...for raking joints to depth ...terials, labour, curing	
= 12.48	
= 14.40	

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 197273

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Total Executed Qty				26.88 m²	
				Qty 73.56		Rs. 1977.00	
	u) providing & removing centering, shuttering, strutting propping etc & removal of form work for vertical surface such as walls etc any thickness including attached pilasters, buttresses plinth & string courses cost of all materials, labour etc. complete as per specification and						
						premeasurement Qty vide page No 197291	
						Total Executed Qty	
						82.34 m²	
						Rs. 17684=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12)	providing & laying in position reinforced cement concrete of design mix M20 with ope cement @ 320 kgs with 20mm & down size graded granite metal coarse aggregates @ 0.8 m³ each & fine aggregates @ 0.4 m³ each with super plasticizer @ 3 kg/m³ works in foundation plinth & ground floor slab for roof slabs, staircase, lintels, retaining walls, return walls, wall (any thickness) including attached plasters, columns, piers, abutments pillars, posts, struts, buttresses, including cost of all materials, labour hoisting, Machining, Curing etc complete as per specifications.						
	for Columns		2 × 5.20 × 1.80 × 0.23 = 4.31				
			3 × 4.00 × 1.80 × 0.23 = 4.97				
			Total Executed Qty			9.27 m³	
			@ Rs 5137.85			& 47646=00	
13)	providing TMT steel reinforcement for RCC work including straightening, cutting bending, hooking, placing in position, lapping & or welding wherever required tying with binding wire and anchoring						

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work....

Date	Full description, etc, of work
1	2
	to the adjoining materials, labour, prec
14)	providing laying, aggregates to Met the Material wit & Mixed Material

Depth 6	Contents 7	Reference to last Measurement 8
...r concrete 1 design mix M20 ...ken size granite metal ...regates 20 mm sq mesh ...plinth & ground floor walls ...ing walls, return walls, wall ..., columns, piers, abutments ...cost of all materials, labour ... per specifications.		
...0.23 = 4.31		
...0.23 = 4.97		
qty 9.27 M3		
37.85 @ 4764.00		
Lump sums		
RCC work including straight ...in position. Lapping of ... ...binding wire and anchoring		

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 197274

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	to the adjoining materials, labour, ...ong Machinery etc. Complete as per Specifications.	Members wherever necessary Complete cost of					
		pre measurement qty vide page No 197292					
		Total Excated qty 8.29 @ M					
						DNS 7127.39	D. 56182=00
14)	providing laying, Spreading & Compacting graded ~~granite~~ stone aggregates to Wet Mix Macadam Specifications including premixing the Material with water at one in Mechanical Mix plant Carriage of Mixed Material by Tipper to site, laying Uniform layers, with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	paver in Sub-base/base course on well prepared surface of compacting with vibratory roller to achieve the desired density etc complete as per specifications.						
	Ch; 0.00 TO 30.00 mtr		1 x 30.00	x 4.60	x 0.15	= 20.70	
	Ch, 30.00 TO 60.00 Mtr		1 x 30.00	x (4.60+4.30)/2	x 0.15	= 20.03	
	Ch, 60.00 TO 90.00 Mtr		1 x 30.00	x (4.30+5.80)/2	x 0.15	= 22.73	
	Ch, 90.00 TO 120.00 Mtr		1 x 30.00	x (5.80+6.10)/2	x 0.15	= 26.78	
	Ch, 120.00 TO 150.00 Mtr		1 x 30.00	x (6.10+5.70)/2	x 0.15	= 26.55	
	Ch, 150.00 TO 180.00 Mtr		1 x 30.00	x (5.70+6.50)/2	x 0.15	= 27.45	
	Ch, 180.00 TO 210.00 Mtr		1 x 30.00	x (6.50+7.00)/2	x 0.15	= 30.38	
	Ch, 210 TO 229.00 Mtr		1 x 19.00	x (7.00+6.00)/2	x 0.15	= 18.53	
				Total Quantity		193.13 M3	
				Qty 1028.74		Rs. 19867520	

M

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	15) Cleaning the existing binding materials + dust Small picks sweeping with old gunny bags of treatment including curing etc complete a	
	Ch, 0.00 TO 30.00 Mtr	
	Ch, 30.00 TO 60.00 Mtr	
	Ch, 60.00 TO 90.00 Mtr	

th	Contents 7	Reference to last Measurement 8
	ned Surface & Compacting ed density etc complete	
5	=20.70	
.15	=20.03	
15	=22.73	
15	=26.78	
15	=26.55	
15	=27.45	
15	=30.38	
.15	=18.53	
1	193.13 Sq.m	
	Sq. 19867520	

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 197275

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
15)	Cleaning the existing WBM road surface including removing of binding materials & other foreign matter with wire brushes & small picks sweeping with brooms or soft brushes & finally dusting with old gunny bags & /or Compressed air to receive bituminous treatment including cost of all Materials, labour, Hiring Machinery carriage etc complete as per Specifications.						
	ch. 0.00 TO 30.00 mtrs	1	× 30.00	× 4.60 × —		= 138.00	
	ch. 30.00 TO 60.00 mtrs	1	× 30.00	× (4.60+4.30)/2 —		= 133.50	
	ch. 60.00 TO 90.00 mtrs	1	× 30.00	× (4.30+5.80)/2 —		= 151.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ch, 90.00 TO 120.00m		1 × 30.00 × $\frac{5.80+6.10}{2}$ × —			= 178.50	
	Ch, 120.00 TO 150.00m		1 × 30.00 × $\frac{6.10+5.70}{2}$ × —			= 177.00	
	Ch, 150.00 TO 180.00m		1 × 30.00 × $\frac{5.70+6.50}{2}$ × —			= 183.00	
	Ch, 180.00 TO 210.00Mtr		1 × 30.00 × $\frac{6.50+7.00}{2}$ × —			= 202.50	
	Ch, 210.00 TO 229.00M		1 × 19.00 × $\frac{7.00+6.00}{2}$ × —			123.50	
			Total Excated Qty			1287.50 Cum	
			Dy 9.74			M. 12540.00	
16)	providing & applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning of road surface & Spraying primer at the rate of 0.60 kg/sqm using Mechanical Means etc. Complete as per specifications.						

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Qty vid
17)	providing & laying with 100-120 TP q 75 tonnes per grading premix Mix & filler, trans & Hydrostatic p

Depth 6	Contents 7	Reference to last Measurement 8
·10 ×	= 178·50	
·70 ×	= 177·00	
·50 ×	= 183·00	
·00 ×	= 202·50	
·00 ×	= 123·80	
Qty	1287.50 cu.m	
	M. 12540=00	

with bitumen emulsion on
ce including cleaning of
t the rate of 0·60 kg/sqm
as per specifications.

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 197276

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide Item No. 15						
	Total excated qty					1287.50 cu.m	
	@ M 39·37					M. 50689=00	
	17) providing & laying Semi-dense bituminous Concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using Crushed aggregates of specified grading premixed with bituminous binder at 4·8 to 5·0% of Mix & filler, transporting the Hot mix to work site, laying with a Hydrostatic power finisher with sensor control to the						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	required grade level & Alignment, rolling with smooth wheeled Vibratory & tandem roller to achive the desired Compaction as per MoRTH Specifications clause No. 5008 with 80/100 grade bitumen etc. Complete as per Specifications.						
	Ch, 0.00 TO 30.00 mtr	1	30.00	4.60	0.025	= 3.45	
	Ch, 30.00 TO 60.00 mtr	1	30.00	$\frac{4.60+4.30}{2}$	0.025	= 3.34	
	Ch, 60.00 TO 90.00 mtr	1	30.00	$\frac{4.30+5.80}{2}$	0.025	= 3.79	
	Ch, 90.00 TO 120.00 mtr	1	30.00	$\frac{5.80+6.10}{2}$	0.025	= 4.46	
	Ch, 120.00 TO 150.00 mtr	1	30.00	$\frac{6.10+5.70}{2}$	0.025	= 4.43	
	Ch, 150.00 TO 180.00 mtr	1	30.00	$\frac{5.70+6.50}{2}$	0.025	= 4.58	
	Ch, 180.00 TO 210.00 mtr	1	30.00	$\frac{6.50+7.00}{2}$	0.025	= 5.06	

C&Rc

Serial No.....

Name of work.....

Name of Contractor of nature of

Date of commencement of work

Date	Full description, etc, of wor
1	2
	Ch, 210.00 TO 229.00
18	Lead for D/S pa
	rates by Mecha
	From 0.00 TO 2.0

	Contents	Reference to last Measurement
h	7	8
	ing with 8 cu.m.th wheeled	
	ered Carpeting of	
	th 80/100 grade	
	5 = 3.45	
	25 = 3.34	
	25 = 3.79	
	25 = 4.46	
	25 = 4.43	
	025 = 4.58	
	25 = 8.06	

C&FC

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 197277

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ch, 210.00 To 229.00 m	1	19.00	$\frac{7.00+6.00}{2}$	0.025	3.09	
			Total Executed Qty			32.19 Cum	
			Qty vide item No 1			Rs. 277325.00	
18)	Lead For Disposal of Debris shall be payble at carriage rates by Mechanical Means including loading & Unloading From 0.00 to 1.00 KM						
			Qty vide item No 1+2			310.49 + 134.92	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Total Executed Qty					445.40 M³	
			Mg 70.53			Mg 31414=00	
	Total					Mg. 956978=00	

31/1/14

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ.
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ ಪಾ., ಬೆಂಗಳೂರು-97

Mg. 31/1/14

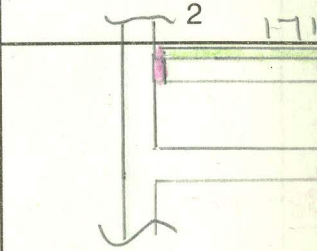
Serial No.....

Name of work.....

Name of Contractor of nature

Date of commencement of wo

Date	Full description, etc, of w
1	2



→ Culvert
→ B.S Slab Drain
→ Asphalt Road SDBC

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲ
ವಿದ್ಯಾರಣ್ಯಪುರ ಉ
ಯಲಹಂಕ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				IT - 9570			
				ICC - 38279			
				FD - 52634			
				WC 9570			
				CBR 957			
				RCC - 18228			
				Fine 1500			
				TOTAL - 130738=00			

956978=00
130738=00
826240=00

Serial No.....
Name of work.....
Name of Contractor of nature o
Date of commencement of work

Date	Full description, etc, of wo
1	2